

Storm Data and Unusual Weather Phenomena

April 2005

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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ATLANTIC OCEAN

ANZ532 Chesapeake Bay Sandy Pt To N Beach Md
5 SE Annapolis 02 1222EST 0 0 Marine Tstm Wind (MG38)

ANZ531 Chesapeake Bay Pooles Is To Sandy Pt Md
10 W Riviera Beach 02 1946EST
2000EST 0 0 Marine Tstm Wind (MG35)

ANZ532 Chesapeake Bay Sandy Pt To N Beach Md
5 SE Annapolis 02 1953EST
2025EST 0 0 Marine Tstm Wind (MG43)

A strong cold front crossed the Chesapeake Bay waters on Saturday, April 2nd. This front brought scattered thunderstorms causing strong wind gusts.

ANZ536 Tidal Potomac Indian Hd To Cobb Is Md
Quantico 23 1400EST
1500EST 0 0 Marine Tstm Wind (EG34)

ANZ534 Chesapeake Bay Drum Pt To Smith Pt Va
Solomons Island 23 1530EST 0 0 Marine Tstm Wind (EG34)

ANZ535 Tidal Potomac Key Bridge To Indian Hd Md
Woodbridge 23 1540EST 0 0 Marine Tstm Wind (EG34)

ANZ535 Tidal Potomac Key Bridge To Indian Hd Md
Rnld Reagan Natl Arpt 23 1600EST 0 0 Marine Tstm Wind (EG34)

ANZ534 Chesapeake Bay Drum Pt To Smith Pt Va
Solomons Island 23 1630EST 0 0 Marine Tstm Wind (EG34)

ANZ533 Chesapeake Bay N Beach To Drum Pt Md
Cove Pt 23 1630EST 0 0 Marine Tstm Wind (EG34)

ANZ532 Chesapeake Bay Sandy Pt To N Beach Md
5 SE Annapolis 23 1638EST 0 0 Marine Tstm Wind (MG34)

ANZ534 Chesapeake Bay Drum Pt To Smith Pt Va
Crisfield 23 1750EST 0 0 Marine Tstm Wind (EG34)

A very strong cold front moved across the mid-Atlantic region on April 23, 2005. This front interacted with a moist and unstable airmass to generate significant strong to severe thunderstorms and high winds. Wind damage was reported across portions of central and northern Virginia, and southern and central Maryland, as well as across the Tidal Potomac and upper Chesapeake Bay marine waters. Damaging large hail was also reported in many locations with this storm system.

DISTRICT OF COLUMBIA

District Of Columbia
Central Portion 02 1120EST
1130EST 0 0 Thunderstorm Wind (EG50)

Some large limbs and a tree down

DCZ001 District Of Columbia
02 1140EST
2100EST 0 0 Flood

Many side roads flooded

District Of Columbia
Central Portion 03 0210EST
0330EST 0 0 Flash Flood

Water over Interstate 295 at Kenilworth Avenue

A strong cold front pushed through the Mid Atlantic on Saturday, April 2nd. This front brought thunderstorms that downed trees and power lines as well as heavy downpours that flooded rivers, streams, and roadways.

MARYLAND, Central

Howard County
Lisbon 02 1140EST 0 0 Thunderstorm Wind (EG50)

Trees and powerlines down

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MARYLAND, Central									
MDZ011									
			Southern Baltimore						
	02	1145EST 1255EST			0	0			Flood
			General flooding of side streets						
Montgomery County									
Rockville	02	1855EST 1900EST			0	0			Thunderstorm Wind (EG50)
			Powerlines downed						
Anne Arundel County									
Countywide	02	2040EST 2130EST			0	0			Flash Flood
			Roads closed county wide						
Howard County									
Columbia	02	2215EST 2300EST			0	0			Flash Flood
			Road closed due to flooding						
MDZ009			Montgomery						
	03	0900EST 1100EST			0	0	10K		Strong Wind (EG40)
			Strong winds caused sporadic power outages in Montgomery county during the morning hours on April 3rd.						
MDZ002			Allegany						
	03	1220EST 1340EST			0	0	50K		High Wind (MG51)
			Measured wind gust to 57 mph 1 mile east of Frostburg, in addition, a 59 mph wind gust was measured near Frostburg. Trees were also downed countywide.						
			A strong cold front crossed the Mid Atlantic Saturday, April 2nd. This front brought severe thunderstorms that downed trees and power lines as well as heavy downpours that flooded rivers, streams, and roadways. After the front passed, strong winds downed trees and power lines mainly in the higher terrain of western Maryland.						
Montgomery County									
Poolesville	23	1545EST 1550EST			0	0			Hail(0.75)
Charles County									
Newburg	23	1549EST			0	0			Thunderstorm Wind (EG50)
Prince George'S County									
Clinton	23	1600EST			0	0			Hail(0.75)
Calvert County									
Chesapeake Beach	23	1623EST			0	0			Hail(0.75)
Anne Arundel County									
Riva	23	1630EST			0	0			Thunderstorm Wind (EG50)
			Powerlines down						
Baltimore County									
2 S Riderwood	23	1630EST			0	0			Hail(0.75)
Baltimore County									
Owings Mills	23	1641EST			0	0			Hail(0.88)
Baltimore County									
Owings Mills	23	1650EST			0	0			Thunderstorm Wind (EG50)
			Powerlines down						

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<u>VIRGINIA, North</u>									
Fauquier County Warrenton	02	0945EST 1000EST			0	0			Thunderstorm Wind (EG50)
		Trees and powerlines downed							
Fairfax County Mc Lean	02	1055EST			0	0			Thunderstorm Wind (EG50)
		24 inch diameter tree downed on Brook Road.							
VAZ039-041>042-050>053-055		Madison - Fauquier - Loudoun - Orange - Culpeper - Prince William - Fairfax - Stafford							
	02	1140EST 2100EST			0	0			Flood
Orange County Orange	02	1635EST			0	0			Hail(0.75)
		Penny sized hail reported in Orange.							
Fairfax County Herndon	02	1840EST			0	0			Hail(0.75)
		Penny sized hail reported in Herndon.							
Fairfax County Great Falls	02	1845EST			0	0			Thunderstorm Wind (EG50)
		Tree down on Georgetown Pike							
Fairfax County Mt Vernon	02	1855EST			0	0			Thunderstorm Wind (EG50)
		Tree downed							
Warren County Countywide	02	1945EST 2100EST			0	0			Flash Flood
		Some roads have deep water flowing over them across the county							
Rappahannock County Flint Hill	02	2100EST 2200EST			0	0	50K		Flash Flood
		Route 522 north near Flint Hill flooded with cars stranded							
		A strong cold front pushed through the Mid Atlantic on Saturday, April 2nd. This front brought severe thunderstorms that downed trees and power lines as well as heavy downpours that flooded rivers, streams, and roadways.							
VAZ021-025>027-051		Highland - Augusta - Rockingham - Shenandoah - Culpeper							
	03	1100EST 1600EST			0	0			High Wind (MG66)
		After the passage of a cold front, strong winds caused numerous downed trees and powerlines. A wind gust to 76 mph was measured in Boston, VA. A building was significantly damaged in Monterey, VA. A semi trailer was blown over on Interstate 81 near Strasburg, VA.							
Spotsylvania County Chancellorsville	23	1425EST			0	0			Hail(0.75)
		Reported by the National Park Service							
Stafford County Hartwood	23	1445EST			0	0			Hail(0.75)
Stafford County Widewater	23	1510EST 1520EST			0	0			Hail(1.75)
		Report from Quantico Marine Corps Facility							
Falls Church (C) Falls Church	23	1550EST			0	0			Hail(0.75)
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					Killed	Injured	Property	Crops	

VIRGINIA, North

waters. Damaging large hail was also reported in many locations with this storm system.

WEST VIRGINIA, East

WVZ048>051-054>055

Grant - Mineral - Hampshire - Morgan - Pendleton - Hardy

03 1000EST
1600EST

1 2

High Wind (EG50)

After the passage of a cold front, strong winds downed many trees and power lines and caused damage to homes and vehicles in the eastern West Virginia panhandle. Some of the downed power lines caused fires. Several thousand people were left without power. A wind gust to 52 mph was reported in Capon Bridge, and a wind gust to 47 mph was reported near rooftop level in Keyser. A tree fell on a car in Maysville, killing the occupant. Additionally, six trailers were destroyed due to the high winds, injuring two occupants. M50VE